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United States
Department of
Agriculture

Agricultural
Marketing
Service

Volume 19, No. 4
October - December
1991

Plant Variety Protection Office Official Journal



APR 7 1992

PREFACE

The Plant Variety Protection Act (7 U.S.C. 2321 et seq.) authorizes the Secretary of Agriculture to publish an "Official Journal" to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

The "Official Journal", published quarterly, is available at no charge from:

Plant Variety Protection Office
Science Division
Agricultural Marketing Service
U. S. Department of Agriculture
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10301 Baltimore Blvd.
Beltsville, Maryland 20705

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APPLICATIONS RECEIVED

OCTOBER 1, 1991 TO DECEMBER 31, 1991

Applications for protection have been filed for the following varieties. Each application has been assigned an application number and will be examined to determine whether the variety is entitled to a certificate of protection. The seed of these varieties may be labeled "Unauthorized Propagation Prohibited - U.S. Variety Protection Applied For."

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
BARLEY				
9200006	Rollo	(3)	10/15/1991	Utah Agricultural Experiment Station
9200007	Walker	(3)	10/15/1991	Utah Agricultural Experiment Station
9200049	Pennbar 66	(2)	12/20/1991	Pennsylvania Agricultural Experiment Station
BEAN, FIELD				
9200046	<GTS 0286>	(2)	12/19/1991	Gen-Tec Seeds, Limited
BEAN, GARDEN				
9200047	DMC 04-59		12/19/1991	Del Monte Corporation
9200048	DMC 04-88		12/19/1991	Del Monte Corporation

(*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

APPLICATIONS RECEIVED
OCTOBER 1, 1991 TO DECEMBER 31, 1991

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
BEAN, GARDEN 9200052	(Continued) Jade		12/26/1991	Rogers NK Seed Co.
CORN, FIELD 9200012	911		10/28/1991	Northrup King Co.
9200013	912		10/28/1991	Northrup King Co.
9200020	LH197		11/18/1991	Holden's Foundation Seeds, Inc.
9200021	LH198		11/18/1991	Holden's Foundation Seeds, Inc.
9200024	LH199		11/19/1991	Holden's Foundation Seeds, Inc.
9200028	LH216		11/21/1991	Holden's Foundation Seeds, Inc.
9200032	LH222		12/05/1991	Holden's Foundation Seeds, Inc.
9200037	ICI 193		12/11/1991	ICI Seeds Inc.

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APPLICATIONS RECEIVED
OCTOBER 1, 1991 TO DECEMBER 31, 1991

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
CORN, FIELD (Continued)				
9200038	ICI 441		12/11/1991	ICI Seeds Inc.
9200039	ICI 740		12/11/1991	ICI Seeds Inc.
9200040	ICI 893		12/11/1991	ICI Seeds Inc.
9200041	ICI 986		12/11/1991	ICI Seeds Inc.
COTTON				
9200009	Dunn-1850		10/18/1991	Dunn Seed Farms, Inc.
9200016	Stoneville 907		11/12/1991	Stoneville Pedigreed Seed Company, Inc.
9200054	Stoneville 324		12/27/1991	Stoneville Pedigreed Seed Company, Inc.
FESCUE, RED				
9200008	Molate Blue		10/17/1991	James M. Stewart, Inc./ConservaSeed

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APPLICATIONS RECEIVED
OCTOBER 1, 1991 TO DECEMBER 31, 1991

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
FESCUE, TALL 9200031	Aztec		12/03/1991	KWS Seeds, Inc.
LETTUCE 9200005	Arizona 90		10/15/1991	Central Valley Seeds, Inc.
9200010	Augustus		10/28/1991	Petoseed Co., Inc.
9200011	Romulus		10/28/1991	Petoseed Co., Inc.
9200022	Clemente		11/15/1991	Royal Sluis, Koninklijke Zaaizaadbedrijven Gebroeders Sluis, BV
9200023	Del Rey		11/15/1991	Royal Sluis, Koninklijke Zaaizaadbedrijven Gebroeders Sluis, BV
9200051	Western Red Leaf		12/26/1991	Brinker Orsetti Seed Co., Inc.

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APPLICATIONS RECEIVED
OCTOBER 1, 1991 TO DECEMBER 31, 1991

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
MARIGOLD				
9200025	Janie Deep Orange		11/19/1991	Goldsmith Seeds, Inc.
9200027	Janie Primrose		11/19/1991	Goldsmith Seeds, Inc.
9200042	Safari Bolero		12/12/1991	John Bodger & Sons Co.
9200043	Safari Tangerine		12/12/1991	John Bodger & Sons Co.
MUSKMELON				
9200017	Sweet April		11/12/1991	Robert E. and Lisa C. Mourey
PEA				
9200015	Premium		11/06/1991	Van Waveren-Pflanzensucht GMBH
9200026	<WAV 750>		11/20/1991	Van Waveren-Pflanzensucht GMBH
9200053	SL 173		12/26/1991	Rogers NK Seed Co.

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OCTOBER 1, 1991 TO DECEMBER 31, 1991

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
PEANUT				
9200014	VC-1	(*)	11/06/1991	AgraTech Seeds Inc.
9200029	Georgia Runner	(3)	11/29/1991	University of Georgia
PUMPKIN				
9200044	Howden Biggie		12/09/1991	Howden Farm
RYEGRASS, ANNUAL				
9200050	Southern Star		12/24/1991	Forbes Seed & Grain Inc.
SOYBEAN				
9200003	S33-32		10/09/1991	Northrup King Co.
9200004	S39-11		10/09/1991	Northrup King
9200018	Bert	(3)	11/14/1991	Minnesota Agricultural Experiment Station

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APPLICATIONS RECEIVED
OCTOBER 1, 1991 TO DECEMBER 31, 1991

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
SOYBEAN (Continued)				
9200019	Leslie	(3)	11/14/1991	Minnesota Agricultural Experiment Station
9200036	3311		12/10/1991	Ciba-Geigy Seeds Division
9200055	FFR 253		12/24/1991	FFR Cooperative
9200056	FFR 299		12/24/1991	FFR Cooperative
9200057	FFR 343		12/24/1991	FFR Cooperative
9200058	FFR 373		12/24/1991	FFR Cooperative
TOBACCO				
9200045	Speight G-117	(3)	12/12/1991	Speight Seed Farms

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APPLICATIONS RECEIVED
OCTOBER 1, 1991 TO DECEMBER 31, 1991

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
TOMATO				
9200034	PU911A		12/06/1991	Purdue University
WATERMELON				
9200001	AU-Sweet Scarlet	(3)	10/03/1991	Alabama Agricultural Experiment Station
9200002	AU-Golden Producer	(3)	10/03/1991	Alabama Agricultural Experiment Station
WHEAT, COMMON				
9200030	Verne	(2)	12/02/1991	Kentucky Agricultural Experiment Station
9200033	Discovery	(3)	12/09/1991	Goertzen Seed Research
9200035	Sunstar II	(3)	12/09/1991	Sunderman Breeding Inc.

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< > Identifies temporary designations.

APPLICATIONS AMENDED

OCTOBER 1, 1991 TO DECEMBER 31, 1991

Information concerning the varieties below has been published previously in the "Official Journal's" list of applications received. During the examination process, the applicant requested this information be amended as indicated below.

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
BEAN, FIELD 8900187	D81126		04/19/1989	Rogers NK Seed Company
	Variety with temporary designation of <D81126> named 'D81126'.			
	Name of owner changed from Rogers Brothers Seed Company to Rogers NK Seed Co. 09/03/91			
8900190	D83043		04/19/1989	Rogers NK Seed Co.
	Variety with temporary designation of <D83043> named 'D83043'. Name of owner changed from Rogers Brothers Seed Company to Rogers NK Seed Co.			
8900217	Horizon		05/12/1989	Asgrow Seed Company
	Variety with temporary designation of <XP-B212> named 'Horizon'.			

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 < > Identifies temporary designations.

APPLICATIONS AMENDED
OCTOBER 1, 1991 TO DECEMBER 31, 1991

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
BEAN, GARDEN				
8900131	Bush Romano 635		03/27/1989	Rogers NK Seed Co.
Name of owner changed from Rogers Brothers Seed Company to Rogers NK Seed Co.				
9000086	Wrangler		02/08/1990	Asgrow Seed Company
	Variety with temporary designation of <XP B203> named 'Wrangler'.			
LETTUCE				
8900305	Enduro		09/26/1989	Asgrow Seed Company
	Variety with temporary designation of <XP 5420> named 'Enduro'.			
9000029	Tiara		11/16/1989	Asgrow Seed Company
	Variety with temporary designation of <XP 5614> named 'Tiara'.			

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< > Identifies temporary designations.

APPLICATIONS AMENDED

OCTOBER 1, 1991 TO DECEMBER 31, 1991

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
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SOYBEAN

9000027 Sturdy

(*) 11/16/1989 Minnesota Agricultural Experiment Station

Variety to be sold by variety name only as a class of certified seed.

9000028 Kato

(3) 11/16/1989 Minnesota Agricultural Experiment Station

Variety to be sold by variety name only as a class of certified seed with 3 generations of certified seed permitted beyond breeder's seed.

TOBACCO

8900079 K358

(*) 01/23/1989 Northrup King Company

To be sold by variety name only as a class of certified seed.

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 < > Identifies temporary designations.

APPLICATIONS AMENDED
OCTOBER 1, 1991 TO DECEMBER 31, 1991

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
TOMATO				
8700194	Sun 1643		08/24/1987	Sunseeds Genetics, Inc.
	Variety with temporary designation of <Sunex 1643> named 'Sun 1643'.			
8900012	Florida 7171		10/14/1988	Florida Agricultural Experiment Station
	Variety name changed from 'Fla 7171' to 'Florida 7171'.			
8900013	Florida 7060		10/14/1988	Florida Agricultural Experiment Station
	Variety name changed from 'Fla 7060' to 'Florida 7060'.			

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APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE
OCTOBER 1, 1991 TO DECEMBER 31, 1991

Applications for the varieties listed below are no longer being considered for U.S. plant variety protection. Although propagation of these varieties is no longer prohibited by the U.S. Plant Variety Protection Act, varieties published in this list may possibly be protected under the Patent Act.

<u>KIND</u>	<u>APPL. NO.</u>	<u>VARIETY</u>
BARLEY	8600007	Heavyweight
CELERY	9000031	Waterloo
PEA	8900261	Dewdrop
SOYBEAN	9000147	<XL1901>

< > Identifies temporary designations.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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BEAN, FIELD

8900187 D81126

'D81126' is most similar to 'UI 114'; however, 'D81126' has an erect growth habit, whereas 'UI 114' is a vining type, prostrate when unsupported.

BEAN, GARDEN

8900131 Bush Romano 635

'Bush Romano 635' is most similar to 'Roma II'; however, 'Bush Romano 635' has seeds whose primary seed color is light green, whereas 'Roma II' has white seeds. Also, chlorophyll is persistent in the pods of 'Bush Romano 635' through the maturation process, whereas in 'Roma II' it is not.

BENTGRASS, CREEPING

8800225 National

'National' is most similar to 'Penneagle'; however, 'National' has a darker winter color (5.7 vs 3.7; 1-9 scale; 9=darkest) and a 50% anthesis date two days earlier than 'Penneagle'.

BLUEGRASS, KENTUCKY

8900001 Bronco

'Bronco' is most similar to 'Baron'; however, 'Bronco' reaches 50% heading an average of 14 days later than 'Baron'.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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BLUEGRASS, ROUGH

8900288 Laser

'Laser' is most similar to 'Sabre'; however, 'Laser' has a darker green leaf color (6.7 vs 5.5; 1-9 scale; 9=darkest) than 'Sabre'.
10/31/1991 Lofts Seed, Inc.

CELERY

9100171 T&A Special Celery -1

'T&A Special Celery -1' is most similar to 'Summit'; however, 'T&A Special Celery -1' is taller (79 vs 75 cm) and has wider (25 vs 23 mm), thicker (11 vs 9 mm), and lighter green (144C vs 144B, RHS Colour Chart) petioles than 'Summit'.
10/31/1991 Tanimura & Antle, Inc.

CORN, FIELD

9000249 PHN46

'PHN46' is most similar to 'PHZ51' and 'PHV78'. 'PHN46' differs from 'PHZ51' in anther color (pink vs yellow) and ear orientation (upright vs pendent). 'PHN46' differs from 'PHV78' in silk maturity (1507 vs 1622 heat units) and silk color (green vs red).
11/29/1991 Pioneer Hi-Bred International, Inc.

9100067 LH128

'LH128' is most similar to 'LH51'. 'LH128' differs from 'LH51' in cob color (white vs red), kernel row straightness (spiral vs straight), and glume color (green with red ring at base vs green with no ring at base).
10/31/1991 Holden's Foundation Seeds, Inc.

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OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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CORN, FIELD (Continued)

068 LH181 10/31/1991 Holden's Foundation Seeds, Inc.
'LH181' is most similar to 'LH127'. 'LH181' differs from 'LH127' in silk color (pink vs green). 'LH181' has not shown split pericarp damage, or "kernel pop," whereas 'LH127' has shown split pericarp damage.

9100069 LH208

069 LH208 10/31/1991 Holden's Foundation Seeds, Inc.
'LH208' is most similar to 'LH74'. 'LH208' differs from 'LH74' in anther color (pink vs purple) and tassel branch angle (>45 vs 30-45 degrees).

FESCUE, RED

90000052 Jasper

052 Jasper 10/31/1991 Pickseed West Inc.
'Jasper' is most similar to 'Ensylvia'; however, 'Jasper' has a darker foliage color (6.8 vs 5.2; 1-9 scale; 9=darkest) than 'Ensylvia'.

LETTUCE

8800021 Salverde

021 Salverde 10/31/1991 Ferry-Morse Seed Company
'Salverde' is most similar to 'Salinas'; however, 'Salverde' differs from 'Salinas' in head shape and seed color. The head shape of 'Salverde' is spherical (rounded), whereas 'Salinas' is flattened. The seed color of 'Salverde' is white, whereas 'Salinas' is black.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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LETTUCE (Continued)

8900023 Racy Red

10/31/1991 Genecorp, Inc.
'Racy Red' is most similar to 'Prize Head'; however, 'Racy Red' differs from 'Prize Head' in leaf color and frame size. The leaf color of 'Racy Red' is red/grayed purple with light green background whereas that of 'Prize Head' is reddish brown with lighter yellow/green background. The frame size of 'Racy Red' is 42 cm in Yuma, Arizona and 45 cm in Salinas, California whereas that of 'Prize Head' is 35 cm and 40 cm respectively.

8900024 Genesys Green

10/31/1991 Genecorp, Inc.
'Genesys Green' is most similar to 'Genecorp Green'; however, 'Genesys Green' differs from 'Genecorp Green' in leaf margin and leaf color. The leaf margin of 'Genesys Green' is characterized by strong undulation and moderate incision depth whereas that of 'Genecorp Green' is wavy undulation and absent incision depth. Also, the leaf indentation of 'Genesys Green' is shallowly dentate whereas that of 'Genecorp Green' is entire. The leaf color of 'Genesys Green' is light green whereas that of 'Genecorp Green' is yellow green.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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LETTUCE (Continued)

8900025 Van 007X

10/31/1991 Genecorp, Inc.
'Van 007X' is most similar to 'Vanmax'; however, 'Van 007X' differs from 'Vanmax' in leaf color and head weight. The leaf color and the head weight of 'Van 007X' are RHS Color Chart 146B green and 782 g respectively whereas those of 'Vanmax' are 144B on the same color chart and 667 g. Additionally, leaves of 'Van 007X' are characterized by moderate incision depth, crenate indentation, and moderate blistering whereas those of 'Vanmax' show absent incision depth, entire indentation, and smooth to slight blistering.

8900030 Lettich

10/31/1991 Genecorp, Inc.

'Lettich' is most similar to 'Greengo'; however, 'Lettich' differs from 'Greengo' in incision depth, indentations, and margin undulation of mature leaves. The incision depth and indentations of 'Lettich' are absent/shallow and entire respectively whereas those of 'Greengo' are moderate and crenate. The margin undulation is absent for 'Lettich' and moderate for 'Greengo'. Additionally, seed color of 'Lettich' is black whereas that of 'Greengo' is white.

8900042 Duchesse

10/31/1991 Ferry-Morse Seed Company

'Duchesse' is most similar to 'Autumn Gold'; however, 'Duchesse' is susceptible to Lettuce mosaic virus whereas 'Autumn Gold' is resistant.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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LETTUCE (Continued)

8900088	Champ		10/31/1991	Genecorp, Inc.
<p>'Champ' is most similar to 'Bix'; however, 'Champ' differs from 'Bix' in having a larger frame and longer core length. The frame diameter and core length of 'Champ' are 428 mm and 53 mm respectively, whereas those of 'Bix' are 400 mm and 47 mm. Additionally, moderately glossy and smooth leaves differentiate 'Champ' from 'Bix' with its dull and moderately blistering leaves.</p>				
8900137	Don Juan		12/31/1991	Harris Moran Seed Co.
<p>'Don Juan' is most similar to 'Salinas'; however, 'Don Juan' is resistant to Lettuce mosaic virus whereas 'Salinas' is susceptible. In addition, 'Don Juan' differs from 'Salinas' in having a heavier head and longer core. The head weight and core length of 'Don Juan' are 1213 g and 6 cm respectively whereas those of 'Salinas' are 1112 g and 5 cm.</p>				
8900228	Yuppie		12/31/1991	Genecorp, Inc.
<p>'Yuppie' is most similar to 'Van Sal 210'; however, 'Yuppie' differs from 'Van Sal 210' in having smaller head and frame diameters than 'Van Sal 210'. The head diameter and frame diameter of 'Yuppie' are 13 cm and 29 cm respectively whereas those of 'Van Sal 210' are 15 cm and 49 cm.</p>				

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	GEN.	ISSUE	NAME OF OWNER
		(*)	DATE	

LETTUCE (Continued)

8900257 Bud 71-3

'Bud 71-3' is most similar to 'Salinas'; however, 'Bud 71-3' is resistant to Corky root rot whereas 'Salinas' is susceptible.

12/31/1991 Bud Antle, Inc.

8900280 Maverick II

'Maverick II' is most similar to 'Maverick'; however, 'Maverick II' differs from 'Maverick' in having a larger head and frame. The head diameter and frame size of 'Maverick II' are 17.1 cm and 43 cm respectively whereas those of 'Maverick' are 16.5 cm and 38 cm. Additionally, butt shape of 'Maverick II' is flat whereas that of 'Maverick' is slightly concave.

12/31/1991 Genecorp, Inc.

8900294 Prince

'Prince' is most similar to 'Van Mor'; however, 'Prince' differs from 'Van Mor' in seed color. The seed color of 'Prince' is white whereas that of 'Van Mor' is black.

12/31/1991 Genecorp, Inc.

8900299 Desert Spring

'Desert Spring' is most similar to 'Vanmax'; however, 'Desert Spring' differs from 'Vanmax' in its leaf color. The leaf color of 'Desert Spring' is green (RHS Color Chart 146A) whereas that of 'Vanmax' is 146B on the same color chart. In addition, 'Desert Spring' has a larger core diameter of 3.2 cm whereas that of 'Vanmax' is 3.0 cm.

12/31/1991 Genecorp, Inc.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO. VARIETY

GEN. ISSUE NAME OF OWNER
(*) DATE

LETTUCE (Continued)

8900305 Enduro

12/31/1991 Asgrow Seed Company
'Enduro' is most similar to 'Waldmanns Green' and 'Genecorp Green'; however, 'Enduro' differs from 'Waldmanns Green' and 'Genecorp Green' in having leaf color of RHS Color Chart 137C green whereas that of 'Waldmanns Green' and 'Genecorp Green' is 138B on the same color chart.

9000029 Tiara

12/31/1991 Asgrow Seed Company

'Tiara' is most similar to 'Slobolt'; however, 'Tiara' differs from 'Slobolt' in its leaf color. The leaf color of 'Tiara' is RHS Color Chart 137C green whereas that of 'Slobolt' is 144A/C yellow green on the same color chart.

9000055 Alpha DMR

12/31/1991 Harris Moran Seed Company

'Alpha DMR' is most similar to 'Salinas'; however, 'Alpha DMR' is resistant to downy mildew pathotypes II and III whereas 'Salinas' is susceptible to both types. Additionally, 'Alpha DMR' differs from 'Salinas' in having a heavier head and darker green color. The head weight and leaf color of 'Alpha DMR' are 1036 g and RHS Color Chart 146A green respectively whereas those of 'Salinas' are 877 g and 146C on the same color chart.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	NAME OF OWNER	
		GEN. (*)	ISSUE DATE

LETTUCE (Continued)

9000094 Genecorp Boston
 'Genecorp Boston' is most similar to 'Dark Green Boston'; however, 'Genecorp Boston' differs from 'Dark Green Boston' in plant weight and frame diameter. The weight and diameter of 'Genecorp Boston' are 441 g and 33 cm respectively whereas those of 'Dark Green Boston' are 312 g and 28 cm.

MARIGOLD

8900071 Janie Tangerine
 'Janie Tangerine' is most similar to 'Bonanza Orange'. 'Janie Tangerine' differs from 'Bonanza Orange' in flower length (53 vs 46 mm), flower width (22 vs 18 mm), and flower color (30-8 Deep Orange/Gold vs 31-8 Deep Orange in Munsell Color Cascade).

ONION

9100118 Emerald Isle
 'Emerald Isle' is most similar to 'Sunamura'; however, 'Emerald Isle' has a taller mature plant height (51 vs 40 cm) than 'Sunamura'.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT.	VARIETY	GEN.	ISSUE	NAME OF OWNER
NO.		(*)	DATE	

ORCHARDGRASS

8800105	Summer Green		11/29/1991	Snow Brand Seed Company
	'Summer Green' is most similar to 'Potomac' except 'Summer Green' heads 2 days later than 'Potomac' and is more resistant to stem rust than 'Potomac'.			

9000010	Benchmark		10/31/1991	FFR Cooperative
	'Benchmark' is most similar to 'Hallmark' and 'Potomac'; however, 'Benchmark' is darker in color (rated 3.8 on a scale of 1 to 4, where 1 = yellow green; 2 = green; 3 = dark green and 4 = blue green) than 'Potomac' and 'Hallmark' (both rated 3.0). 'Benchmark' has shorter (19 vs 23.0 cm) second internodes and longer (34 vs 30 cm) leaves than 'Potomac'. In the field 'Benchmark' exhibits greater resistance to stem rust than does 'Hallmark'.			

PEA

8900081	Impala	(3)	10/31/1991	Cebeco Zaden B.V.
	'Impala' is most similar to 'Solara'; however, 'Impala' has "white" (RHS 161C) seed, whereas 'Solara' has "blue-green" (RHS 138A) seed. Also, 'Impala' is susceptible to <u>Fusarium oxysporum</u> f.sp. <u>pisi</u> , which causes fusarium wilt, whereas 'Solara' is resistant.			

8900161	Shield		10/31/1991	Asgrow Seed Company
	'Shield' is most similar to '#8617 Early Perfection'; however, 'Shield' bears two to four flowers per node, whereas '#8617 Early Perfection' bears two flowers per node.			

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	GEN. (*)	ISSUE (*)	NAME OF OWNER
			DATE	

PEA (Continued)

9100016 Quad

'Quad' is most similar to 'Bolero'; however, 'Quad' is resistant to Erysiphe pisi, which causes powdery mildew, whereas 'Bolero' is susceptible.

9000268 Delta

11/29/1991 W. Weibull AB

'Delta' is most similar to 'Topas'; however, pods of 'Delta' are more numerous (24 vs 19 pods) and exhibit greater constriction (medium vs slight) than 'Topas'.

RICE

9000193 NFD 108

(3) 10/31/1991 N. F. Davis Drier & Elevator, Inc.

'NFD 108' is most similar to 'Calmochi-101'; however, 'NFD 108' has a panicle which is longer (22 vs 17 cm) and more dense (143 vs 105 spikelets/panicle) than 'Calmochi-101'.

'NFD 108' has a lighter red coloration at the apiculus and short awns, whereas

'Calmochi-101' has dark red coloration at the apiculus and is awnless.

9000194 NFD 109

(3) 10/31/1991 N. F. Davis Drier & Elevator, Inc.

'NFD 109' is most similar to 'Mochi Koda'; however, 'NFD 109' has a shorter plant height (99 vs 130 cm) and is less susceptible to lodging (15 vs 65%) than 'Mochi Koda'.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	GEN.	ISSUE	NAME OF OWNER
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SORGHUM

8800179 A8087C

12/31/1991 Cargill, Inc.

'A8087C' is most similar to 'Martin'. 'A8087C' differs in that it is classed as tolerant to the biotype C race of greenbug, whereas 'Martin' is not. Also, the panicle of 'A8087C' is more cylindrical with shorter panicle seed branches than 'Martin'. The seed color of 'A8087C' is usually somewhat lighter than 'Martin'.

8800181 PH257

10/31/1991 Pioneer Hi-Bred International, Inc.

'PH257' is not closely similar to any public inbred line. Comparisons are made for reference to 'TX2737', a widely used public male inbred released from Texas A & M University. The two entities differ in the following characteristics: 'PH257' has a subcoat and tannin in the testa, whereas 'TX2737' has no testa; 'PH257' has higher scores than 'TX2737' for: stay green, 107 vs 86; anthracnose, 134 vs 95; and leaf burn, 151 vs 68.

8800183 PH308

10/31/1991 Pioneer Hi-Bred International, Inc.

'PH308' is most similar to 'TX2737', a public inbred. Some of the differences include: the fact that 'PH308' has red seeds vs white seeds in 'TX2737', white vs yellow endosperm, and susceptibility vs resistance to greenbugs biotype C, respectively.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	NAME OF OWNER	
		GEN. (*)	ISSUE DATE

SORGHUM (Continued)

8800184 PH309

'PH309' is most similar to 'TX2737'. The primary differences include the following characteristics: pericarp color, red vs white; awns present vs absent; leaves erect vs horizontal; head fusarium score, 65 vs 44; downy mildew score, 102 vs 87, all respectively.

8800185 PH310

'PH310' is most similar to 'RTX430'. They can be best differentiated by the following morphological and disease characteristics: 'PH310' has a pithy vs a juicy stalk in 'RTX430'; white vs cloudy midrib color; a semi-open vs semi-compact head density; a higher leaf rust resistance score (159 vs 115); and a higher head fusarium score (145 vs 111), respectively.

SOYBEAN

8900148 HS 2455

12/31/1991 GROWMARK Inc.

'HS 2455' most closely resembles 'Elgin'; however, 'HS 2455' may be distinguished by its resistance to races 1 and 2 of phytophthora, and the presence of a brown hilum. 'Elgin' is susceptible to those races of phytophthora and has a black hilum.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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SOYBEAN (Continued)

8900149 HS 2821

11/29/1991 GROWMARK Inc.

'HS 2821' most closely resembles '9293'. Characteristics which differentiate the two varieties include hilum color; 'HS 2821' has a yellow hila, whereas '9293' has a gray hila. In addition, 'HS 2821' is resistant to phytophthora races 1 and 2, whereas '9293' is tolerant to race 1 and susceptible to race 2.

8900172 9121

10/31/1991 Pioneer Hi-Bred International, Inc.

'9121' is most similar to 'A1937'; however, '9121' has high seed coat protein peroxidase activity, whereas 'A1937' has low seed coat protein peroxidase activity.

9000005 CX329

11/29/1991 DEKALB Plant Genetics

'CX329' is most similar to 'A3427'; however, it can be differentiated from 'A3427' on the basis of resistance to phytophthora rot race 4 and seedcoat luster. 'CX329' is resistant to race 4 and has a shiny seedcoat luster, whereas 'A3427' is susceptible to the disease and has a dull seedcoat luster.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	GEN.	ISSUE	NAME OF OWNER
		(*)	DATE	

SOYBEAN (Continued)

9000006 CX469c

12/31/1991 DEKALB Plant Genetics
'CX469c' is most similar to 'A4595'; however, it can be differentiated from 'A4595' on the basis of resistance to soybean cyst nematode race 3, and flower color. 'CX469c' is resistant to race 3 and has a purple flower color, whereas 'A4595' is susceptible to race 3 and has a white flower color.

9000023 TK 89

12/31/1991 King Agro Inc.
'TK 89' is most similar to 'Elgin'; however, it can be differentiated from 'Elgin' on the basis of flower color, hilum color, and pubescence color. 'TK 89' has a white flower, yellow hilum, and gray pubescence, whereas 'Elgin' has a purple flower, black hilum, and tawny pubescence.

9000027 Sturdy

(*) 12/31/1991 Minnesota Agricultural Experiment Station
'Sturdy' is most similar to 'Hardin'; however, 'Sturdy' may be distinguished from it on the basis of morphology, disease resistance, and physiology. 'Sturdy' is resistant to powdery mildew and iron chlorosis, whereas 'Hardin' is susceptible to both pests. In addition, 'Sturdy' has imperfect black hila, whereas 'Hardin' has a yellow hilum color.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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SOYBEAN (Continued)

9000028 Kato (3) 12/31/1991 Minnesota Agricultural Experiment Station
 'Kato' is most similar to 'Sibley'; however, it can be differentiated from 'Sibley' on the basis of flower color, hilum color, and pubescence color. 'Kato' has purple flower, black hilum, and tawny pubescence, whereas 'Sibley' has a white flower, yellow hilum, and gray pubescence.

9000046 Minnatto (2) 12/31/1991 Minnesota Agricultural Experiment Station
 'Minnatto' is most similar to 'Chico'; however, they can be differentiated on the basis of morphology, phenology, and disease resistance. 'Minnatto' has: yellow vs buff hila; a maturity date 6 days later than 'Chico'; smaller seeds (8g/100 seeds vs 12g/100); and is resistant to iron chlorosis whereas 'Chico' is susceptible.

9000083 Hartz 914 12/31/1991 Jacob Hartz Seed Company, Inc.
 'Hartz 914' is most similar to 'Hartz 936X'; however, it can be differentiated on the basis of flower color. 'Hartz 914' has a purple flower, whereas 'Hartz 936X' has a white flower.

 31 (*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	GEN. NO. (*)	ISSUE DATE	NAME OF OWNER
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SOYBEAN (Continued)

9000111 HSC 721

'HSC 721' is most similar to 'Bedford'; however, it may be distinguished by: Maturity class, group V vs VII; seed size, 3100 seeds/pound vs 3600 seeds/pound; and low vs high seed protein peroxidase activity, respectively.

9000143 L2333

'L2333' is most similar to 'Corsoy 79'; however, it can be differentiated from 'Corsoy 79' on the basis of resistance to phytophthora rot race 1, 2, 3, 6, 7, 8, and 9, resistance to iron chlorosis, hilum color, and pubescence color. 'L2333' susceptible to these phytophthora races, resistant to iron chlorosis, has a brown hilum, and has a brown pubescence, whereas 'Corsoy 79' is resistant to these phytophthora races, susceptible to iron chlorosis, has a yellow hilum, and has a gray pubescence.

9000164 S25-15

'S25-15' is most similar to 'Elgin'; however, they can be differentiated on the basis of: Pod color, tan vs brown; seed protein peroxidase activity, high vs low; and iron chlorosis resistance, resistant vs susceptible, respectively.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT.	VARIETY	NO.	GEN.	ISSUE	NAME OF OWNER
			(*)	DATE	

SOYBEAN (Continued)

9000165 S28-18

'S28-18' is most similar to 'Preston'; however, it can be differentiated from 'Preston' on the basis of flower color and pod color. 'S28-18' has a white flower and a tan pod, whereas 'Preston' has a purple flower and a brown pod.

12/31/1991 Northrup King Co.

TOMATO

8700194 Sun 1643

'Sun 1643' is most similar to 'E 6203'; however, 'Sun 1643' is resistant to Fusarium oxysporum race 2, whereas 'E 6203' is susceptible.

11/29/1991 Sunseeds Genetics, Inc.

8800059 NC 8288

'NC 8288' is most similar to 'Florida 1B'; however, 'NC 8288' bears uniformly light green unripe fruit (a condition conferred by the u gene), whereas 'Florida 1B' bears fruit with dark green shoulder color.

11/29/1991 North Carolina Agricultural Research

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CERTIFICATES AMENDED

OCTOBER 1, 1991 TO DECEMBER 31, 1991

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
CORN, FIELD 8200062 LH51			06/30/1983	Holden's Foundation Seeds, Inc.
Silk color changed from green to salmon and endosperm color changed from pale yellow to yellow with pale yellow cap.				
8200064 LH119			05/26/1983	Holden's Foundation Seeds, Inc.
Ear mid-point diameter changed from 5 mm to 50 mm.				
WHEAT, COMMON 8700160 Coker 9766			(*) 12/29/1989	Northrup King Company
Variety to be sold by variety name only as a class of certified seed.				

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 < > Identifies temporary designations.

CERTIFICATES EXPIRED

OCTOBER 1, 1991 TO DECEMBER 31, 1991

The term of protection has expired for the certificates listed below. The U.S. Plant Variety Protection Act no longer prohibits the unauthorized propagation of these varieties nor requires them to be sold by variety name only as a class of certified seed. However, varieties published in this list may possibly be protected under the Patent Act.

CERT. NO.	VARIETY	EXPIRATION DATE	NAME OF APPLICANT
AGOTRICUM 7200138	W-21	11/15/1991	Cal-West Seeds, Inc.
BEAN, GARDEN 7200145	Gem	10/30/1991	Les Produits Organiques du Santerre-Orsan S.A.
7300028	Ozark	11/20/1991	Ferry-Morse Seed Co.
7300029	Cumberland	11/20/1991	Ferry-Morse Seed Co.
7400059	Petite	11/20/1991	Ferry-Morse Seed Co.
7400083	Bush Blue Lake 47	11/20/1991	Asgrow Seed Company
COTTON 7200143	Deltapine 826	11/20/1991	Delta and Pine Land Co.
7300014	Deltapine 137	11/20/1991	Delta & Pine Land Co.

CERTIFICATES EXPIRED
OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	EXPIRATION DATE	NAME OF APPLICANT
COTTON (Continued)			
7300103	Deltapine 61	11/20/1991	Delta and Pine Land Co.
7400025	Deltapine 66	11/20/1991	Delta and Pine Land Co.
LETTUCE			
7400095	Citation	11/20/1991	Asgrow Seed Company
MARIGOLD			
7400034	Big Almost White	11/15/1991	W. Atlee Burpee Co.
NASTURTIUM (Continued)			
7200002	Crimson Jewel	11/20/1991	Denholm Seeds
7200003	Golden Jewel	11/20/1991	Denholm Seeds
7200004	Mahogany Jewel	11/20/1991	Denholm Seeds
7200006	Scarlet Jewel	11/20/1991	Denholm Seeds
ONION			
7300001	Scanion	11/15/1991	Sunseeds Genetics, Inc.

CERTIFICATES EXPIRED
OCTOBER 1, 1991 TO DECEMBER 31, 1991

CERT. NO.	VARIETY	EXPIRATION DATE	NAME OF APPLICANT
PEA			
7400053	Leo	11/20/1991	Morrison Brothers Seed Co.
7400054	Juneau	11/20/1991	Asgrow Seed Company
SOYBEAN			
7300054	Mitchell	10/30/1991	Northrup King Co.
7300083	Hutton	11/20/91	Florida Found. Seed Prod., Inc.
7400079	Agripro 27	10/30/1991	Agripro, Inc.
7400080	Agripro 25	10/30/1991	Agripro, Inc.
7400081	Pontiac	10/30/1991	Agripro, Inc.
7400097	3034	10/30/1991	The Lubrizol Corporation
WATERMELON			
7200146	Charleston 76	11/15/1991	Les Produits Organiques du Santerre-Orsan S.A.
WHEAT, COMMON			
7400078	Ruler	11/20/1991	Ohio Agric. Res. Dev. Center

DESCRIPTION OF PUBLIC VARIETIES

In accordance with section 180.800 of the Plant Variety Protection Act, descriptions of "public varieties" voluntarily submitted on PVP objective description forms will be accepted for publication in the "PVP Official Journal". Publication of such descriptions in no way constitutes recognition of the variety as novel or entitles it to protection under the Plant Variety Protection Act.

The following are descriptions of public varieties of inbred corn lines developed by Dr. M. M. Goodman, Professor of Crop Science at North Carolina State University.

The "PV Number" assigned to each variety should not be construed as meaning the variety is protected under the PVP Act; it is merely the accession number of that variety in the Office's database of corn variety descriptions.

Requests for seed samples and further information about these seven cultivars should be directed to Dr. R. J. Kuhr, Director, North Carolina Agricultural Research Service, P. O. Box 7643, Raleigh, North Carolina 27695-7643.

VOLUNTARY TOBACCO DESCRIPTION:

Variety Name: 'NC 729'

PV Number: 9110001

'NC 729' was selected from the cross 'K326'/'K399'. It was developed by the pedigree breeding method with the initial selection in the F1 generation. Seed selection was made alternately on separate bacterial wilt (Pseudomonas solanacearum) and black shank (Phytophthora parasitica var. nicotianae) field nurseries. Seeds were bulked beginning with the F5 generation. It was tested as breeding line <NC 7029 USDA> in the North Carolina Official Variety Test in 1988, in the Flue-cured Tobacco Regional Small Plot Test in 1989 and 1990, and in the Regional Farm Test in 1990 and shown to be genetically stable. 'NC 729' will be in the F10 generation when it becomes available to growers in 1992.

Breeder: Dr. Verne A. Sisson, Agricultural Research Service, Crops Research Laboratory, South Atlantic Area, U. S. Department of Agriculture and Crop Science Department, North Carolina State University.

Year of release	1992
Originator	North Carolina State University/USDA-ARS
Experimental	NC 7029
Curing class	Flue-cured
Days to flower	69
3 days later than	NC 95
Days to transplant	70
Same as	NC 95 and NC 2326
Plant height cm topped	83
9 cm shorter than	NC 95
Leaf length class	Medium
Leaf 5 length cm	59.8
Leaf 10 length cm	60.5
Leaf 15 length cm	61.1

'NC 729' continued:

Leaf width class	Medium
Leaf 5 width cm	30.2
Leaf 10 width cm	26.3
Leaf 15 width cm	24.0
Petiole angle leaf 5	< 35
Leaf yield kg/h	3282
Yield 10% more than	NC 95
Leaf No. Topped	18.2
Internode length mm	46
6 mm shorter than	NC 95
Leaf carriage	Arched
Leaf color	Green
Leaf shape	Longer than broad
Leaf shape broad	Broadest below middle
Tip shape	Acuminate
Venation pattern	Angular
Leaf surface	Smooth
Leaf margin	Not wavy, not recurved
Flower color	Pink
Flower head habit	Intermediate
Plant form	Columnar
Ground suckers/plant	0.2
Nicotine %	3.07
Nor nicotine %	0.27
Total nitrogen %	2.44
Reducing sugar %	15.90
Black shank	Resistant
Fusarium wilt	Susceptible (nicotiana)
Bacterial wilt	Resistant
Tobacco mosaic virus	Susceptible
Root knot nematode	Resistant

GENERAL INFORMATION

ERRATA

Plant Variety Protection Office
Official Journal
VOLUME 19, NO. 3
JULY - SEPTEMBER, 1991

Please change the year to read "1991" on
the front cover of this journal.

VINCA

Note: The common name of Catharanthus
roseus has been changed from VINCA ROSEA to
VINCA.

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
PLANT VARIETY PROTECTION OFFICE
NAL BUILDING, ROOM 500
10301 BALTIMORE BLVD.
BELTSVILLE, MARYLAND 20705-2351

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